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APPLICANT

GLASPER et al

(Use several sheets if necessary)

FILING DATE

GROUP

January 11, 2005

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## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE    | NAME                | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----------------|---------|---------------------|-------|----------|-------------------------------|
| TK                   | 4,127,932       | 12/1978 | Hartman et al       |       |          |                               |
| TK                   | 4,442,444       | 4/1984  | Osaka               |       |          |                               |
| TK                   | 5,236,871       | 8/1993  | Fossum et al        |       |          |                               |
| TK                   | 5,621,227       | 4/1997  | Joshi               |       |          |                               |
| TK                   | 5,354,707       | 10/1994 | Chapple-Sokol et al |       |          |                               |
| TK                   | 4,689,305       | 8/1987  | Stiffey et al       |       |          |                               |
| TK                   | 6,043,517       | 3/2000  | Presting et al      |       |          |                               |
| TK                   | 5,796,118       | 8/1998  | Morikawa et al      |       |          |                               |
| TK                   | 5,783,839       | 7/1998  | Morikawa et al      |       |          |                               |
| TK                   | 5,144,381       | 9/1992  | Furuyama et al      |       |          |                               |
| TK                   | 6,392,282       | 5/2002  | Sahara et al        |       |          |                               |
| TK                   | 6,100,551       | 8/2000  | Lee et al           |       |          |                               |
| TK                   | 6,417,504       | 7/2002  | Kozlowski           |       |          |                               |
| TK                   | 4,491,802       | 1/1985  | Uchida et al        |       |          |                               |
| TK                   | 2001/0002045 A1 | 5/2001  | Fossum et al        |       |          |                               |
| TK                   | 5,483,200       | 1/1996  | Okabayashi et al    |       |          |                               |
| TK                   | 6,407,442       | 6/2002  | Inoue et al         |       |          |                               |
| TK                   | 6,107,619       | 8/2000  | Cunningham et al    |       |          |                               |
| TK                   | 6,005,266       | 12/1999 | Forrest et al       |       |          |                               |
| TK                   |                 |         |                     |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|    | DOCUMENT  | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|----|-----------|---------|---------|-------|----------|-----------------------|
| TK | 0 540 235 | 5/1993  | EP      |       |          |                       |
| TK | 2 202 624 | 9/1988  | GB      |       |          |                       |
| TK | 0 967 656 | 12/1999 | EP      |       |          |                       |
| TK | 10-190041 | 7/1998  | JP      |       |          | ABSTRACT              |
|    |           |         |         |       |          |                       |

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

|    |  |
|----|--|
| TK | J. Huppertz et al, "Fast CMOS Imaging With High Dynamic Range" Proc. 1997 IEEE Workshop on Charge-Coupled Devices and Advanced Image Sensors   |
| TK | E. Fossum, "Image Capture Circuits in CMOS" 1997 International Symposium on VLSI Technology, Systems, and Applications   |
| TK | N. Tu et al, "CMOS Active Pixel Image Sensor With Combined Linear and Logarithmic Mode Operation" Electrical and Computer Engineering, 1998, pages 754-757   |
| TK | T. Delbruck et al, "Adaptive Photoreceptor With Wide Dynamic Range" Circuits and Systems, 1994, pages 339-342  |
| TK | S.M. Sze VLSI Technology pp. 482-485   |
| TK | Spinelli et al IEEE Transactions on Electron Devices, Vol. 44, No. 11, Nov. 1997 pp. 1931-1943 Physics and Numerical Simulation of Single Photon Avalanche Diodes                                  |
| TK | Jackson et al Proc. IEEE 2001 Int. Conference on Microelectronic Test Structures, Vol. 14, March 2001 pp. 165-170 Process Monitoring and Defect Characterization of Single Photon Avalanche Diodes |

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